APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Complex Computer Modelling System, by
A. A. Kotskiy. 9 pp.
IN: AN, Bk, Sredstva Analogovoy i Analogo-
tsifrovoy Vychislitel'noy Tekhniki, 1968,
pp 190-196.
U /AEC/ 1-24-215-69

sci/electronics
Mar 70

494,382

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Status and Prospects for the Development and Application of Digital Integrators, by A. V. Kalyayev.
RUSSIAN, rpt, Sredstva Analogovoy i Analog-Tsifrovoy Vychislitel'noy Tekhniki, 1968, pp 197-209.
AIR/FTD/HC-23-98-70

Sci-Elec
Sep 70

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Questions of the Development and Investigation of a Digital Complex Based on the "Ural-2" and IN-14 Computers, by V. . Kirpichnikov, 7 pp.
RUSSIAN, bk, Sredstva Analogovoy i Analogo-tsifrovoy Vychislitel'noy Tekhniki, 1968, pp 210-214.
AIR/FTD/MT-24-400-69

Sci/Elec
May 70 407,743

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Standardized Series of Converters, by
G. V. Moskalenko, G. N. Sabayev. 11 pp.
RUSSIAN, rpt, Sredstva Analogovoy i Analogo-
Tsifrovoy Vychisl Tekhniki, 1968, pp 226-233.
AIR/FTD/MT-24-45-70

Sci-Elec
June 70

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Results of the Development of a Series of Analog-To-Digital Computers, by N. P. Yernilov, A. S. Mel'nikov, et al. 5 pp.
RUSSIAN, rpt, Sredstva Analogovoy i Analogo-Tsifrovoy Vychislitel'noy Tekhniki, 1968, pp 270-273.
AIR/FTD/MT-24-76-70

Sci-Elec
Dec 70

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

JPRS CSO 22449

DC

22449

13 Jun 68SF

a) Foreword, pp 3-6
b) Chapter I, Automation in the Solution of Ship Navigation Problems by Dmitriy Ivanovich Kholostov,
Russian, book, Sredstva Korablevozhdeniya Podvodnykh Atomokhodov, Moscow, 1967, pp 7-74,

Special Type "B": Translator's draft plus ~~five~~ six incl./repro all graphics
Urgent

book- Do not mark or mutilate,

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Means of Navigation of Nuclear-Powered Submarines,
by D. I. Kholostov. 139 pp.
MOSCOW, Sb, Sredstva Kombinirovannoy Podvodnoy Navigatsii. 1967, pp 75-211.
NAV/105 Contract tr 15

sci/navigation
May 69

381,206

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Electronic Digital Computers of the ZAM Series,
by T. Pietrzykowski, 8 pp.
RUSSIAN, bk, Sredstva i Metody Mekhanizatsii Podgotovki i Poiska Nauchno-Tekhnicheskoy Informatsii, Inzhenernogo i Upravlencheskogo Truda, 1965, pp. 159-166.
JPRS 38389

USSR
Sci-Math Sci
Dec 66 315,828

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

GDR-1003 Universal digital computer, by
J. [illegible]. 5 pp.
[illegible], mat, Sredstva i metody mekhanizatsii
Podgotovki i Poiska Nauchno-Tekhnicheskoy Infor-
matsii, Inzhenernogo i Upravlencheskogo Truda.
Lektsii, Prochitannyye na Vystavke "Informa-65"
1965, pp 167-170.
AD/PTD/ID-23-281-68

sci/electronics
May 69

381,266

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Use of Soomtron Calculator-Punched Card Machines for the Mechanization of Control Operations, by L. Korpus. 8 pp
RUSSIAN, per, Sredstva i Metody Mekhanizatsii Podgotovki i Poiska Nauchno-Tekhnicheskoy Informatsii, Inzhenernogo i Upravlencheskogo Truda, 1965, pp 207-213. P100105368
FTD-MT-23-916-67

Sci/Electr
June 68 359,335

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Communication in Electric Networks, by E. P. Belous,
232 pages.
RUSSIAN, bk, Sredstva Sviazi v Elektricheskikh
Setiakh, 1968.
*CFSTI TT 69-53010

Sci-Elec
Feb 69

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Communications Media in Control Systems, by
K. A. Smirnov, 44 pp.
RUSSIAN, bk, Sredstva Svyazi v Upravlyayushchikh
Sistemakh, Moscow, 1969, 46 pp.
JPRS 48160

Sci-Cybernetics
July 69

383,745

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

REQ TR CHECK 27-03-73 T426

MEANS OF CONTROLLING AIRCRAFT
DUKHON, YU.I.; IL'INSKIY, N.N.
UR: SREDSTVA UPRAVLENIYA LETATEL'NYMI
APPARATAMI, 1972, 430 pages

Process in ca

MT 73-24-0317

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Review of the "Anatomy" Handbook, by
I. I. Tarasov, 6 pp.
RUSSIAN, bk, Srelnee Spetsial'noe Obrazovaniye,
1968.
ACSI J-8857
ID 2204015770

Sci/B&M
Jan 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Studying English Medical Vocabulary, by
S. A. Tylkina, 6 pp.
RUSSIAN, bk, Srelnee Spetsial'noe Obrazovaniye,
1969.
ACSI J-8859
ID 2204015870

Sci/B&M
Jan 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Stabilization of Radiation-Modified Polyolefins, by Ye. Ye. Finkel.
RUSSIAN, bk, Stabilizatsiya Radiatsionnomodifitsirovannykh Poliolefinov, 1973.
*IFST

Sept 72

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

The Ecology of Fish Aggregations, by D. V. Radakov.
RUSSIAN, bk, Stainost' Rybyak Ekologicheskoe Yavleniye,
1972.
*IPST

Jan 73

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

STAL'
(Stal in English - monthly)
Translation begins with 1959, Vol. 19
and ceases with 1970, December issue.
Back issues are available from:
The Iron and Steel Institute
39, Victoria Street
London, S.W.1
(U.K. and overseas prices; postage paid)
1959-1963: £ 7.12.0/year
1964-1968: £ 24.12.0/year
1969-1970: £ 30.12.0/year
1959-1963: £ 1. 2.0 single issue
1964-1968: £ 2.10.0 single issue
1969-1970: £ 3. 2.0 single issue
From 1971: see "STEEL in the USSR"

Russ
new

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

The Tasks of NIOchM in Furthering Scientific-Technical Innovations, by M. A. Pertsev, 10 pp RUSSIAN, per, Stal', No 1, 1965, pp 1-4. JPRS 29665

USSR
Econ
Apr 65

279,066

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

The Utilization of Fixed Production Assets in Ferrous Metallurgy, by N. I. Mityayev, D. I. Popov, N. F. Sklokin, 13 pp
RUSSIAN, per, Stal', No 2, 1965, pp 163-168.
JPRS 29653

USSR
Econ
Apr 65

279,057

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

25-Year Achievement of the Kuibish Gas Metallurgical Combine, by G. V. Mikheyev, 5 pp.
METALLURG, Mar, 1963, No 6, Jun 1963, pp. 41-43.

USSR
Econ
Jul 63

263,792

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

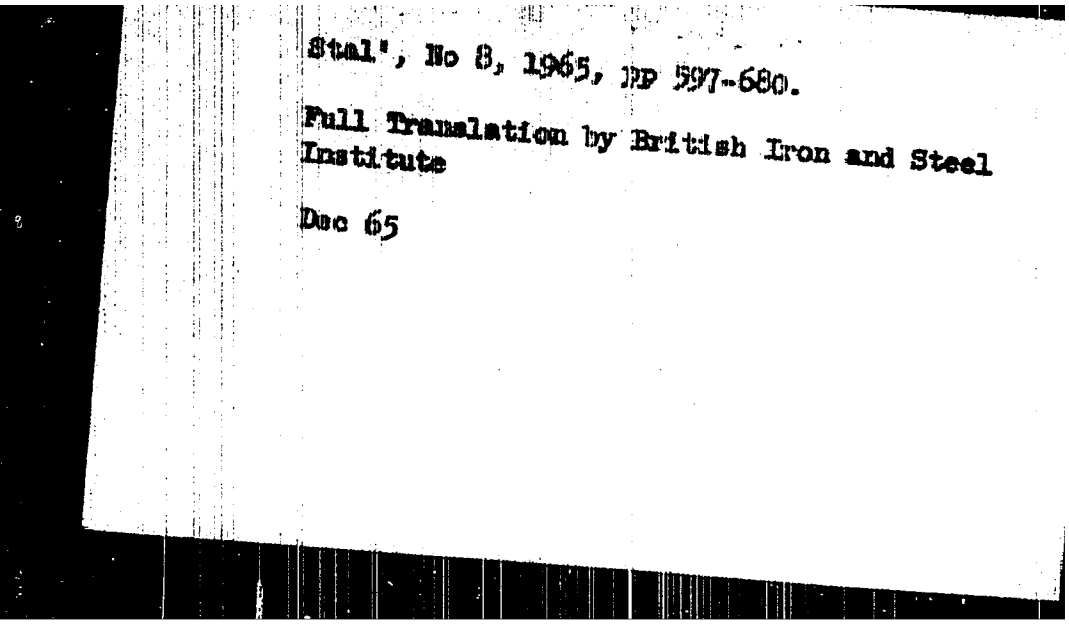
APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Results of All-Union Public Review of Achievements in Ferrous Metallurgy, by S. M. Rigmant.
RUSSIAN, per, Stal', No 6, 1965, pp 573-574.
JPRS 31274

Sci-M&M
Apr 66

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5



Stal', No 8, 1965, pp 597-680.

Full Translation by British Iron and Steel Institute

Dec 65

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Stal, No 9, 1965, pp 685-770.

Full Translation by British Iron and Steel Institute

Available at Ly Serials

Feb 66

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Steel in English, Nos 10, 11, 12, 1973

Publ by The Iron and Steel Institute

Available from AP Periods

Oct 73

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

[redacted]

Steel in English, Nos 1-2, 19[illegible]

All tr[illegible] The Iron and Steel Institute

Available from JV Serials

Dec 7.

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

A New Stage in Ferrous Metallurgy, by I. P. Kazanets, 11 pp.
RUSSIAN, per, Stal', No 1, 1966, pp. 1-5.
JPRS 35393

USSR
Sci-M/M
Jun 66

301,844

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

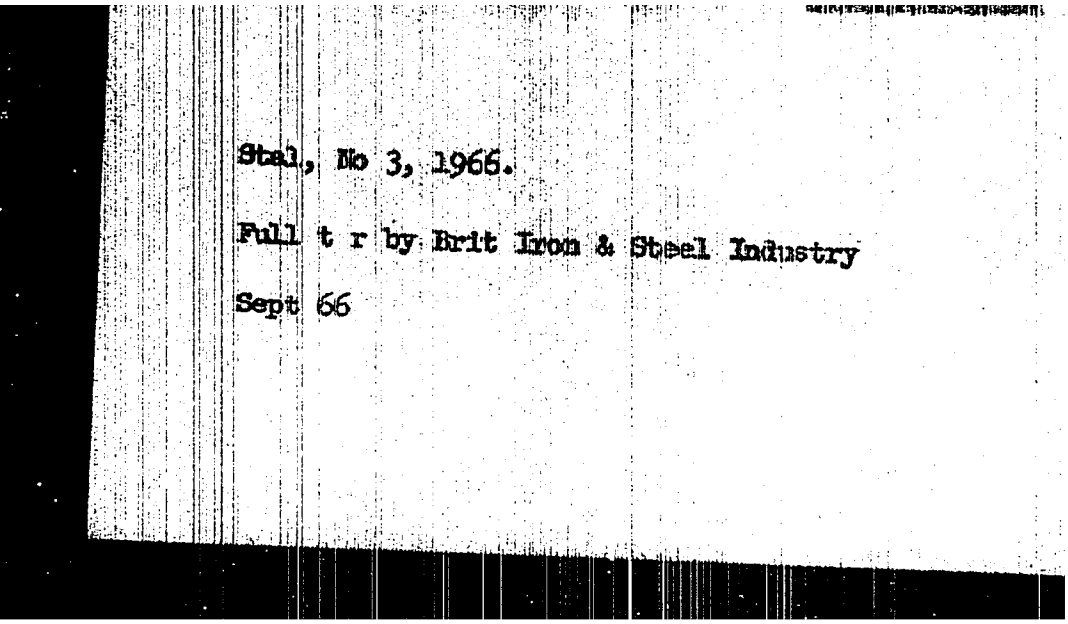
Tasks of the Scientific and Technical Society of Ferrous Metallurgy, by M. A. Pertsev, 10 pp.
RUSSIAN, per, Stal', No 2, 1966, pp. 97-100.
JPRS 35393

USSR
Sci-M/M
Jun 66

301,845

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5



APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Plan for the Development of Ferrous Metallurgy for 1966 and Tasks of the Scientific-Technical Society of Ferrous Metallurgy, by V. V. Lempitskiy, 7 pp.
RUSSIAN, per, Stal', No 4, 1966, pp. 289-292.
JPRS 36533

USSR
Sci-M/M
Aug 66

303,153

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Ultrasonic Treatment of Boron Steels, by L. I. Teumin, I. S. Lupakov and V. I. Lomakin, 8 pp. RUSSIAN, per, Stal', No. 9, Sept 1966, pp. 834-836.
JPRS 40288

USSR
Sci-Materials
Apr 67

323,314

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

[redacted]

Steel in English, Nos 1-2 1967,

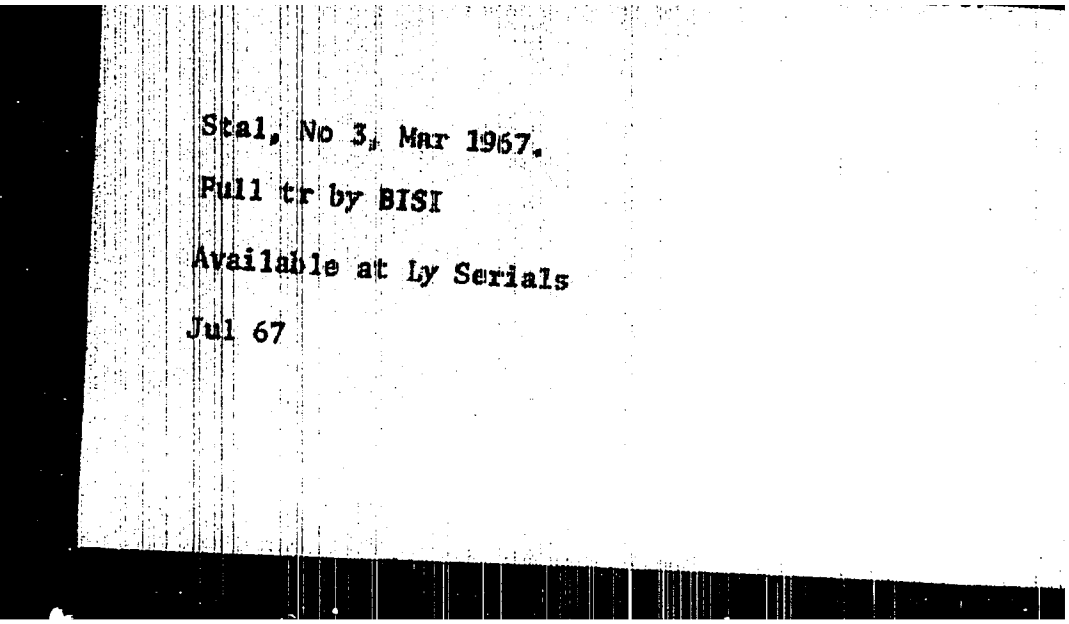
All tr by The Iron and Steel Institute

Available from Ty Periale

Oct 70

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5



APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Dnepropetrovsk Metallurgical Plant Imeni
Petrovskiy Hailed on 80th Anniversary, 7 pp.
RUSSIAN, per, Stal', No. 4, 1967, pp. 289-291.
JPRS 41465

USSR
Biog
July 67

329,952

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Behavior of Some Elements During Electro-slag Remelting, by M. M. Klyuyev.
RUSSIAN, per, Stal, Vol 28, No 2, 1968, pp 134-136.
NLL Ref: 9022.4 (68/195)

Sci-Mat
Mar 69

377,014

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Economics of Electroslag and Vacuum Remelting, by N. F. Sklokin.
RUSSIAN, per, Stal, Vol 28, No 2, 1968, pp 176-179.
NLL Ref: 9022.4 (68/196)

Sci-Mat
Mar 69

377,029

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Behavior of Sulfur in the Blast Furnaces of Steel Mills in the Southern Urals, by Yu. M. Borts. RUSSIAN, per, Stal, Vol 28, No 6, 1968, pp 496-499
NTC 72-11441-11F

June 72

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

1968 Results of Ferrous Metallurgy, 1969
Tasks, 9 pp.
RUSSIAN, per, Stal', Moscow, Feb 1969,
pp 97-100.
JPRS 48177

Sci-Mat
Jul 69

384,793

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Structure and Physical Properties of Sinter Made for Kursk Magnetic Anomaly (KMA) Ores on a Sintering Machine of a 252m^2 Sintering Area with Two-Layer Charging of the Mix,
by G. V. Korshikov,
RUSSIAN, per. Stal', No 1, 1971, pp 3-8.
BISI 9295

June 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

The Use of Low-Sulphur Pig Iron for Melting Electrical Steel, by N. A. Voronova, RUSSIAN, per. Stal', No 1, 1971, pp 23-26. BISI 9296

June 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Present Ingot Mould Lives and Prospects for Lengthening Them, by A. S. Filippov, RUSSIAN, per. Stal', No 1, 1971, pp 29-31. BISI 9297

June 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

The Use of Oxygen Neutron-Activation Apparatus to Monitor the Deoxidation of Steel, by N.N. Skvortsov and Z.A. Gern, RUSSIAN, per Stal', No 1, 1971, p 32. BISI 9298

Jul 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

The Effect of Casting Conditions on the Work Properties of Mild-Grade Magnesium Cast Iron Alloy Rolls, by N. P. Kotenshov, RUSSIAN, per. Stal', No 1, 1971, pp 49.
BISI 9299

June 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Automatic Postitioning of the Saws as a Functior
of the Temperature of the Metal to be Cut,
by V. V. Tatarnikov,
RUSSIAN, per. Stal', No 1, 1971, pp 50-52.
BISI 9300

June 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Increasing the Productivity of Tube-Rolling Installations by Improving the Finishing Process, by O. A. Plyatskovskiy, RUSSIAN, per. Stal', No 1, 1971, pp 56-58.
BISI 9301

June 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Recarburisation of Rolled Steel Products, by
K. D. Potemkin,
RUSSIAN, per. Stal', No 1, 1971, p 63-66.
BISI 9302

Jul 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

The Microstructure of Variously Refined Steel,
by G. A. Khasin,
RUSSIAN, per. Stal', No 1, 1971, pp 66-67.
BISI 9303

Jul 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Effectiveness of Improving the Quality of
Cold Rolled Textured Transformer Steel,
by N. F. Dubrov,
RUSSIAN, per. STal', No 1., 1971, pp 73-75.
BISI 9304

June 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Oxidizing Properties of Furnace Atmospheres Studied by Measuring the Electrical Resistance of the Metal and Its Oxides, by L. A. Shul'ts, RUSSIAN, per. Stal', No 1, 1971, pp 76-79.
BISI 9305

June 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Mechanical Properties and Electrical Resistance of Strengthened Steel-Copper Wire,
by I. K. Yudin,
RUSSIAN, per. Stal',No 1, 1971, pp 85-87.
BISI 9306

Jul 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Experience in the Use of Gas-Cleaning Facilitie
on Electric Furnaces, by S. N. Blotskiy,
RUSSIAN, per. STal', No 1., 1971, pp 88-91.
BISI 9307

Jul 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Investigation of the Structure of Fluxed Sinter from Kursk-Magnetic-Anomaly (KMA) Ores,
by A.N. Spektor,
RUSSIAN, per. Stal', Vol 2, 1971, pp 102-106.
BISI 9369.

Aug 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Investigation of the Quality of Lime Used in Basic Oxygen Converters, by V.V. Smoktii, RUSSIAN, per. Stal', No 2, 1971, pp 118-120. BISI 9370

Aug 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

The Mechanism of the Effect of Gas Pressure on the Process in the Steelmaking Bath,
by V.L. Lokhimovich,
RUSSIAN, per. Stal', No 2, 1971, pp 120-123.
BISI 9371

Aug 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Vacuum-Arc Remelting of Constructional Steels in Large Moulds and the Quality of the Metal', by N.K. Zhitkov, RUSSIAN, per. Stal', No 2, 1971, pp 130-132. BISI 9372

Aug 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Analysis of Some Factors Influencing the Consumption of Metal when Rolling Plate, by B. Yu. Zelechenok,
RUSSIAN, per. Stal', No 2, 1971, pp 139-142.
BISI 9373

Jul 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

The Rolling of Round Billets on a Continuous Billet Mill, by I.K. Lind,
RUSSIAN, per. Stal', No 2, 1971, pp 147-148.
BISI 9374

Aug 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Double and Triple Ingot Rolling on the Slabbing Mill, by M.I. Kapustina,
RUSSIAN, per. Stal', No 2, 1971, pp 150-152.
BISI 9375

Aug 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Production of High-Strength Tubes at Azerbaidzhansk Tube-Rolling Works, by G.N. Kheifets
RUSSIAN, per. Stal', No 2, 1971, pp 159-161.
BISI 9376

Aug 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Petrographic Investigation of Large Globular Inclusions in ShKh 15 Steel, by T.I. Litvinova, RUSSIAN, per. Stal', No 2, 1971, pp 166-167. BISI 9377

Sep 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Degree of Utilization of Hydrogen in Blast Furnaces, by G.N. Suntsov and N.V. Pribavin, RUSSIAN, per. Stal', No 3, 1971, pp 203-205. BISI 9444

Sep 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Dust Formation and Technological Parameters of 100- Tonne Basic Oxygen Converters, by E.A. Krichevtsov, RUSSIAN, per. Stal', No 3, 1971 , pp 214-218. BISI 9443

Sep 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Non Metallic Inclusions and Gases in 20KhG2Ts Steel, by V.N. Knyazev, RUSSIAN, per. Stal', No 3, 1971, pp 223-226, BISI 9442

Sep 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Heat Exchange in the Secondary Cooling Zone in Continuous Casting, by V.E. Kozin, RUSSIAN, per. Stal', No 3, 1971, pp 226-228. BISI 9441

Aug 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

The Effect of a Granulated Flux on the Quality of Electroslag Steel, by N.F. Yakovlev, RUSSIAN, per. Stal', No 3, 1971, p 231-.
BISI 9429

Aug 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Determination of Deformation Rate When Rolling in Passes, by M.L. Zaitsev and G.V. Anufriev, RUSSIAN, per. Stal', No 3, 1971, pp 241-243.
BISI 9428

Sep 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Study of the Technique of Galvanized Steel Sheet Passivation, by V.N. Denezhkov, RUSSIAN, per. Stal', No 3, 1971, pp 247-248. BISI 9430

Sep 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Improving the Cooling of the Rolls in Continuous Cold Rolling Mills, by V.G. Dodoka, RUSSIAN, per. Stal', No 3, 1971, pp 249-250. BISI 9427

Aug 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Improving the Life of Mill Rolls of ESR 9Kh - Steel by High Temperature Thermomechanical Surface Treatment, by M. Ya. Belkin, RUSSIAN, per. Stal', No 3, 1971, pp 260-262. BISI 9440

Aug 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Distribution of Non-Metallic Inclusions in the Structure of Cast Steel, by A.D. Kramarov,
RUSSIAN, per. Stal', No 3, 1971, pp 262-263.
BISI 9438

Aug 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Possibilities of Controlling the Technological Parameters of Slag-Melt Processing,
by V. S. Grigor,
RUSSIAN, per. Stal', No 3, 1971, p 284-.
BISI 9439

Aug 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

The Casting of Killed Steel in Big End Down Ingot Moulds with Lined Upper Portions, by A.D. Filatov, RUSSIAN, per. Stal', No 4, 1971, pp 317-320. BISI 9460

S/) 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

New Method of Roll Hardening Railroad Rails,
by V.K. Kobyzev,
RUSSIAN, per. Stal', No 4, 1971, pp 337-340.
BISI 9457

Sep 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Increasing the Life of the Monolithic Hearths of Controlled-Cycle Furnaces of Sheet-Rolling Mills, by A.G. Marants,
RUSSIAN, per. Stal', No 4, 1971, pp 368-372.
BISI 9463

Sep 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Effect of Technological Factors on the Oxygen Content of Steel, by F. I. Bashlii, et al.
RUSSIAN, per, Stal', No 5, 1971, pp 411-413.
BISI 9575

Nov 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

The Phase Composition of ANF - 6 Slags and Their Interaction With Non Metallic Inclusions of Various Types, by T. F. Raichenko, et al.
RUSSIAN, per, Stal' No 5, 1971, pp 417-419.
BISI 9574

Nov 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Probability Analysis of Longitudinal Thickness Variation in Rolled Light Gauge Sheet, by S. L. Kotsar', et al.
RUSSIAN, per, Stal, No 5, 1971, pp 423-426.
BISI 9573

Nov 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Deformation Rate During Two-Dimensional Rolling, by
N. A. Chelyshev, et al.
RUSSIAN, per, Stal', No 5, 1971, pp 427-429.
BISI 9572

Nov 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Development of a Technology for Producing Tungsten - Vanadium Steel Slabs, by V. A. Gamershtein, et al.
RUSSIAN, per, Stal, No 5, 1971, pp 435-6.
BISI 9571

Nov 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Phase Transformations in Heat Treated Steel E1961
Under Prolonged Treatment at High Temperature, by
I. S. Kalashnikov, et al.
RUSSIAN, per, Stal, No 5, 1971, pp 453-454.
BISI 9570

Nov 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Analysis of Service Conditions for Specially Shaped Steel Ropes on Multi Rope Hoists, by V. G. Molnar. RUSSIAN, per, Stal, No 5, 1971, pp 473. BISI 9569

Nov 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Plasma Arc Furnaces with Water-Cooled Copper Moulds, by B.E. Paton,
RUSSIAN, per. Stal', No 6, 1971, pp 507-511.
BISI 9674
NTC 72-60143-13H

Jan 72

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

I. S. Trishevskii

Features of the Pass Design of Rolls For Sections With Periodically Repeating Corrugations.
RUSSIAN, per, Stal, No 6, 1971, pp 523-526
NTC 72-60322-13H

sept 72

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

The Effect of Different Surface Roughnesses on Either Side of Cold Rolled Sheet Steel on Its Properties, by A. P. Chekmarev, RUSSIAN, per. Stal', No 6, 1971, pp 530-532. BISI 9675

June 72

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

The Part Played by Surface Roughness in Preven
ing Welding During Annealing and Contamination
of Cold Rolled Strip, by A. P. Chekmarev,
RUSSIAN, per. Stal', No 6, 1971, pp 532-533.
BISI 9661

Nov 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

D. E. Likhtanshtein

Elimination of Wall-Thickness Variation in the Turning of Tubes.
RUSSIAN, per, Stal, No 6, 1971, pp 536-537
NTC 72-60323-13H

sept 72

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Influence of Certain Processing Factors on the Properties of Cold-Rolled 08Yu Non-Ageing Steel, by V. S. Dyakonova.
RUSSIAN, per, Stal, No 6, 1971, pp 543-546.
NTC 72-11550-11F

June 72

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Structure and Properties of Nickel Base Alloy EP487 Melted by Different Methods, by L. M. Zimina.
RUSSIAN, per, Stal, No 6, 1971, pp 547-549.
NTC 72-60140-11F
BISI 9663

June 72

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

[redacted]

Intelligent Science in Ten Five-Year Plan, by
I. N. Golikov, 9 pp.
RUSSIAN, per. Shil', Moscow, No 7, 1971, pp 577-
581.
JPRS 54099

Sept 71

[redacted]

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Modelling the Process by Which Nozzles are Blocked Up or Frozen During the Continuous Casting of Steel, by N.M. Lapotyshkin, RUSSIAN, per. Stal, No 7, 1971 , pp 604-606
BISI 9745

Feb 72

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

V. A. Mohodiuhili

Oxide Inclusions in Ferrotitanium and Ferroniobium,
RUSSIAN, per, Stal, No 7, 1971, pp 614-615
NTC 72-60349-11F

sept 72

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5

Economically Suitable Tension Schedule for Tube Reduction, by M.F. Stoletni,
RUSSIAN, per. Stal', No 7, 1971, pp 636-639.
BISI 9748
NTC 72-60148-134

Jan 72

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100120045-5